NC/QC/YPD/2018-19/SK-C1 Date: 02-04-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

PHYSICAL TESTS ON CEMENT

Brand : RAMCO
Grade : 53,
Type* : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**169 min**	Shall not be less than 30 min
2	Final setting time	**285 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.99 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.04 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.95 N/Sq mm**	Shall not be less than 27 N/Sqmm

*As furnished by Client.
The Results relate only to the items tested.

K. R
KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANTS BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187 EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-PCC1 **Date: 02-04-2018**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**56.95**	0 -20	30- 70
10mm	**17.40**	0 -5	10- 35
4.75mm	**3.25**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**98.10**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.75**	60-95	75-100	85-100	
01.18	**75.45**	30-70	55-90	75-100	
600.mic	**58.80**	15-34	35-59	60-79	
300.mic	**22.65**	5-20	8-30	12-40	
150.mic	**7.30**	0-10	0-10	0-10	

*As furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Banglore

NC/QC/YPD/2018-19/SK-SSM1 Date: 07-04-2018

1. TESTING OF STONE SAMPLE :

Sub: Testing of Size stone.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Technical Reference: IS 1121(Part 1) -1974 (R.A on 1998)

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

Table 1.1 :

SL No	Details of Tests	Observed Value	Normal Values
01	Compressive Strength	**1342.00** Kg/ Sqcm	Not less than 1000.00 Kg/Sqcm
02	Water absorption,%	**0.41 %**	Not more than 2.0 %

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NC/QC/YPD/2018-19/SK-SSM2 Date: 10-04-2018

1. TESTING OF STONE SAMPLE :

Sub: Testing of Size stone.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Asst. Executive Engineer, Project Division, Yelahanka Zone, Bangalore

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Technical Reference: IS 1121(Part 1) -1974 (R.A on 1998)

Table 1.1 :

SL No	Details of Tests	Observed Value	Normal Values
01	Compressive Strength	**1319.00** Kg/ Sqcm	Not less than 1000.00 Kg/Sqcm
02	Water absorption,%	**0.44 %**	Not more than-2.0 %

*As Furnished by Client.

The Results relate only to the items tested.

K...R

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-C2

Date: 13-04-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

PHYSICAL TESTS ON CEMENT

Brand : RAMCO
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**174 min**	Shall not be less than 30 min
2	Final setting time	**281 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.05 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.94 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**29.16 N/Sq mm**	Shall not be less than 27 N/Sqmm

*As furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-FA1

Date: 13-04-2018

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

TABLE 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**98.35**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**81.10**	60-95	75-100	85-100	
01.18	**74.80**	30-70	55-90	75-100	
600. mic	**57.65**	15.34	35-59	60-79	
300.mic	**20.40**	5-20	8-30	12-40	
150.mic	**7.70**	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	**Requirements** as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**15.93 %**	-----
2	Silt Content	----	**0.65 %**	Not more than 8%
3	Specific Gravity	----	**2.59**	-------

*As furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-CA1 Date: 13-04-2018

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	**100.00**	100.00	100.00
20 mm	**96.80**	85-100	90 - 100
10 mm	**42.95**	0 - 20	25 - 55
4.75 mm	**8.25**	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	**21.60 %**	Not to exceed 25 %
2.	Crushing value	**25.35 %**	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-MS1 Date: 23-04-2018

1. TEST REPORT ON M.S PIPE (38 mm dia) :

Sub: Tests on Chain Link Fencing Materials.

{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

PHYSICAL TEST

TABLE 1.1

Sl No	Details of Tests	Test Results for M.S Pipes	Remarks
		38 mm dia-medium.	
1	Bend or Flattening Test	OK	As per IS 2329-1985 (No fracture)
2	Percentage of elongation, %	26.40	As per IS 1894-1972 (Min. 20.0%)
3	Ultimate Tensile Strength, N/mm^2	341.0 N/Sq mm	As per IS 1894-1972 (Min. 320.0 N/Sq mm)

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-CL1 Date: 23-04-2018

1. TEST REPORT ON CHAIN LINK FENCING WIRE:

Sub: Tests on Chain Link Fencing Materials.

{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

TABLE- 1

Sl No	Details of Tests	Test Results	Remarks / Test method conforms to
1	Ultimate Tensile Strength	**532 N/ sqmm**	As per IS:1608-1995 400-550N/ sqmm
2	Wrapping test	**No breaking or splitting**	As per IS:1755-1983 & IS: 2721-2003 Sample shall not break or split
3	Bend/ Rebend Test	**No breaking or splitting**	As per IS: 2721-2003 Sample shall not break or split

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-SS1 **Date: 23-04-2018**

1. TEST REPORT ON STRUCTURAL STEEL:

Sub: Testing of Structural Steel Members-M.S Angle.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

TABLE – 1

Sl No	Details of Tests	Specimen Size ISA-65X 65X 6 mm of 1.0 m length	
		Test Results	**Min req as per IS:2062-1999 & Steel Table**
1	Proof stress/Yield stress, fy N/mm^2	**286 N/Sq mm**	250 N/Sq mm
2	Bend/ Rebend Test	**Withstood**	Sample should with stand
3	Percentage of elongation, %	**25.94**	23.0
4	Ultimate Tensile Strength, N/mm^2	**441 N/Sq mm**	410 N/Sq mm

*As Furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NC/QC/YPD/2018-19/SK-CB1 Date: 07-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{15}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-05-18	07-05-18	07	22500	310	13.78	**13.48**
	002	"	"	"	"	295	13.11	
	003	"	"	"	"	305	13.56	

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NC/QC/YPD/2018-19/SK-CB1a

Date: 30-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{15}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-05-18	30-05-18	28	22500	425	18.89	**18.37**
	002	"	"	"	"	405	18.00	
	003	"	"	"	"	410	18.22	

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-CB2

Date: 14-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	07-05-18	14-05-18	07	22500	395	17.56	**17.41**
	002	"	"	"	"	400	17.78	
	003	"	"	"	"	380	16.89	

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-CB2a

Date: 04-06-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	07-05-18	04-06-18	28	22500	525	23.33	**22.96**
	002	"	"	"	"	505	22.44	
	003	"	"	"	"	520	23.11	

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/2018-19/SK-WMM1

Date: 25-05-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Providing Chain link fencing for CA Land at 2nd phase Dr. Shivaram Karanth Nagar behind JNC Hostel and Near SWD in ward no. 05.}

Ref.: Material testing/QC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri.Narayanaswamy. K, Bangalore.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**98.35**	95-100
26.50	**---**	-
22.40	**74.90**	60-80
11.20	**46.40**	40-60
4.75	**37.05**	25-40
2.36	**20.60**	15-30
0.600	**12.10**	8-22
0.075	**3.55**	0-5

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com